

Converting Colors

XYZ(15.0735, 13.9415, 15.6684)

Have a look what the booklet for
XYZ(15.0735, 13.9415, 15.6684)
contains.

XYZ(14.9952, 13.9135, 15.5309)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.9952, 13.9135,
15.5309)**

Conversions

Conversions Part 1

Format	Color
Hex	7A626A
RGB	122, 98, 106
RGB Percent	48%, 38%, 42%
CMY	0.5216, 0.6157, 0.5843
CMYK	0.00, 0.20, 0.13, 0.52
HSL	340°, 11%, 43%
HSV	340°, 20%, 48%
XYZ	14.9952, 13.9135, 15.5309
YIQ	106.0880, 11.7360, 7.5760

Conversions

Conversions Part 2

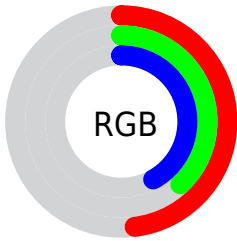
Format	Color
R_{YB}	122, 98, 106
Decimal	8020586
CIE _{Lab}	44.11, 11.08, -0.86
CIE _{LCh}	44, 11.117, 355.550
Yxy	13.9135, 0.3374, 0.3131
Android (android.graphics.Color)	4286210666 (0xFF7A626A)
YUV	106.0880, -0.0434, 13.9548
Hunter-Lab	37.3008, 6.4819, 1.4240

Details

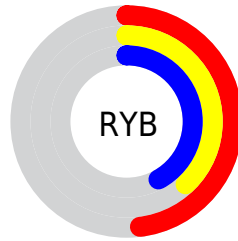
The XYZ color **14.9952, 13.9135, 15.5309** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0343, 17.7309, 18.5504**, and the grayscale version is **13.7218, 14.4365, 15.7213**.

A 20% lighter version of the original color is **34.5124, 33.0432, 36.4573**, and **4.7209, 4.0999, 4.6802** is the 20% darker color. If you saturate the color by 10%, you get **13.5365, 11.6411, 13.0558**, and if you desaturate by 10%, it is **16.6689, 16.5513, 18.2760**.

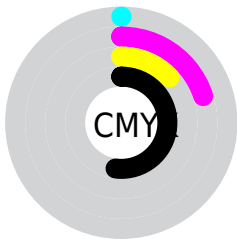
Distribution



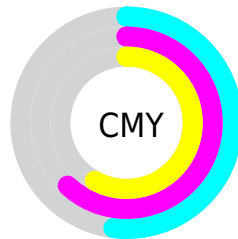
- Red (48%)
- Green (38%)
- Blue (42%)



- Red (48%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (52%)



- Cyan (52%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9952, 13.9135, 15.5309 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 14.9952, 13.9135, 15.5309 by changing the saturation by 10% instead.

■ 14.9952, 13.9135,
15.5309

■ 14.9952, 13.9135,
15.5309

216.7261,
216.6920, 238.3080

■ 8.9023, 8.0605,
9.0421

■ 34.4165, 32.9355,
36.5373

■ 4.7341, 4.1337,
4.6715

■ 48.4756, 46.8733,
51.8919

■ 2.1253, 1.7486,
2.0005

■ 65.9208, 64.2748,
71.0389

■ 0.7029, 0.4549,
0.5556

■ 87.1175, 85.5244,
94.3968

■ 0.0000, 0.0000,
0.0000

112.4310,
111.0066, 122.3841

142.2267,

141.1056, 155.4193

176.8700,
176.2060, 193.9211

■ 14.9952, 13.9135,
15.5309

■ 14.9952, 13.9135,
15.5309

■ 13.5365, 11.6411,
13.0558

■ 16.6689, 16.5513,
18.2760

■ 12.2825, 9.7159,
10.8413

■ 18.5647, 19.5676,
21.2983

■ 11.2242, 8.1214,
8.8788

■ 20.6911, 22.9775,
24.6057

■ 10.3510, 6.8384,
7.1588

■ 23.0556, 26.7944,
28.2057

■ 9.6515, 5.8464,
5.6711

■ 25.6654, 31.0312,
32.1055

■ 9.1129, 5.1218,
4.4049

■ 28.5274, 35.7002,
36.3118

■ 8.7207, 4.6377,
3.3482

■ 31.6482, 40.8133,
40.8314

■ 8.4294, 4.3059,
2.4781

■ 35.0343, 46.3817,
45.6707

■ 8.4204, 4.2953,
2.4521

■ 38.6917, 52.4165,
50.8359

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



14.6784, 13.9135, 18.0781



14.9952, 13.9135, 15.5309



14.8205, 13.9135, 13.1425

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



14.9952, 13.9135, 15.5309



12.5037, 13.9135, 11.1628



12.2846, 13.9135, 19.5358

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



14.9952, 13.9135, 15.5309



15.0343, 17.7309, 18.5504

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.7472, 13.9135, 17.3509



14.9952, 13.9135, 15.5309



11.8697, 13.9135, 12.5555

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



14.9952, 13.9135, 15.5309



13.3569, 13.9135, 10.7901



11.5987, 13.9135, 14.7743



13.0927, 13.9135, 20.5484

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



14.9952, 13.9135, 15.5309



14.4527, 13.9135, 11.9288



11.5987, 13.9135, 14.7743



12.0677, 13.9135, 18.9030

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



14.9956, 13.9141, 15.5312



30.4558, 30.9118, 33.9708



14.8204, 13.7185, 20.2793



6.9276, 7.0106, 7.7096



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



14.9956, 13.9141, 15.5312



25.0754, 22.4377, 25.1279



14.9824, 14.5227, 13.5695



4.0483, 4.0350, 4.4520



8.8617, 4.5208, 2.5627



41.9136, 21.4218, 10.3411

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



14.9956, 13.9141, 15.5312



25.0754, 22.4377, 25.1279



15.0287, 16.9590, 20.8938



4.0483, 4.0350, 4.4520



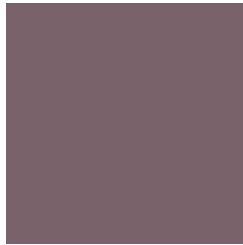
8.8617, 4.5208, 2.5627



41.9136, 21.4218, 10.3411

Previews

White Background



This preview shows how the XYZ color 14.9952, 13.9135, 15.5309 looks on a white background.

Color Contrast Check

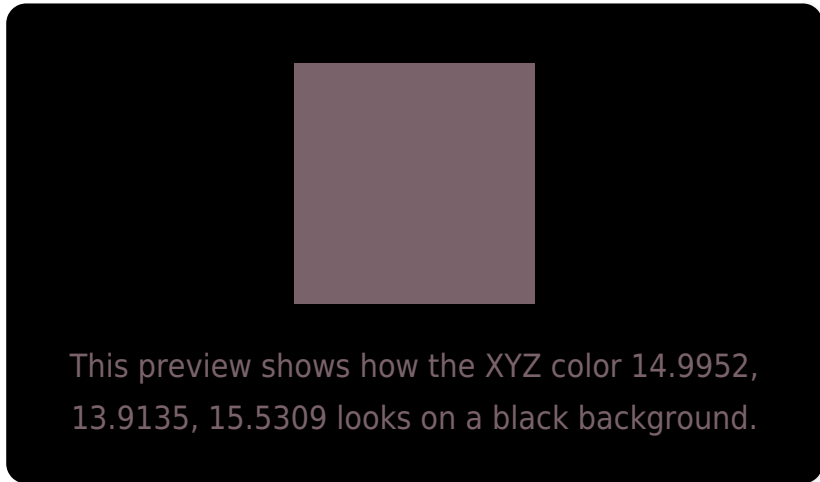
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.9952, 13.9135, 15.5309

Background



This preview shows how black text looks on a background with the XYZ color 14.9952, 13.9135, 15.5309.



This preview shows how white text looks on a background with the XYZ color 14.9952, 13.9135,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

14.9952, 13.9135, 15.5309

Protanopia

13.5363, 14.0080, 16.4584

Deuteranopia

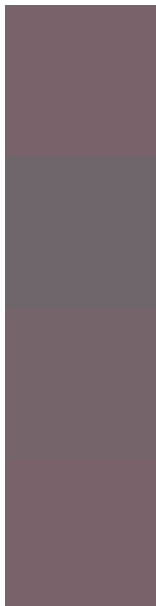
14.1429, 13.9047, 15.3031



Tritanopia

14.9952, 13.9135, 15.5309

Trichromacy



Original Color

14.9952, 13.9135, 15.5309

Protanomaly

14.0137, 13.9650, 16.1443

Deuteranomaly

14.4431, 13.9162, 15.2895

Tritanomaly

14.9952, 13.9135, 15.5309

Monochromacy



Original Color

14.9952, 13.9135, 15.5309

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

14.1339, 14.1858, 15.6289

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9952, 13.9135, 15.5309 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(122, 98, 106) looks like.

```
.text, #text, p{  
    color:rgb(122, 98, 106)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(122, 98, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 98, 106) }
```

Border

The CSS property to change the border of an element to XYZ 14.9952, 13.9135, 15.5309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(122, 98, 106) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(122, 98, 106) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(122, 98, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 98, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 98, 106); box-shadow:4px 4px 4px 4px rgb(122, 98, 106) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9952, 13.9135, 15.5309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 98, 106) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(122, 98,  
106) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor